

MIRON TISMENETSKY (Haifa, Israel)	
Some Properties of Solutions of Yule-Walker Type Equations . . . . .	1
ROBERT L. ELLIS AND DAVID C. LAY (College Park, Maryland)	
Factorization of Finite Rank Hankel and Toeplitz Matrices . . . . .	19
TOMASZ SZULC (Poznań, Poland)	
On a Criterion for the Nonsingularity of Complex Matrices . . . . .	39
ALEKSANDER SIMONIČ (Halifax, Nova Scotia, Canada)	
Matrix Groups With Positive Spectra . . . . .	57
Jİ-GUANG SUN (Umeå, Sweden)	
Rounding-Error and Perturbation Bounds for the Cholesky and $LDL^T$ Factorizations . . . . .	77
AURELIAN GHEONDEA (Bucharest, Romania)	
One-Step Completions of Hermitian Partial Matrices With Minimal Negative Signature . . . . .	99
MIROSLAV FIEDLER (Praha, Czechoslovakia) AND THOMAS L. MARKHAM (Columbia, South Carolina)	
A Classification of Matrices of Class $Z$ . . . . .	115
V. HUSSIN, P. WINTERNITZ (Montreal, Quebec, Canada), AND H. ZASSENHAUS (Columbus, Ohio)	
Maximal Albelian Subalgebras of Pseudoorthogonal Lie Algebras . . . . .	125
IVO MAREK (Praha, Czechoslovakia)	
Collatz-Wielandt Numbers in General Partially Ordered Spaces . . . . .	165
RUSSELL MERRIS (Hayward, California)	
Unimodular Equivalence of Graphs . . . . .	181
B. BECKERMANN, A. NEUBER, AND G. MÜHLBACH (HANNOVER, GERMANY)	
SHANKS'S TRANSFORMATION REVISITED . . . . .	191
A. J. PRYDE (Clayton, Victoria, Australia)	
A Bauer-Fike Theorem for the Joint Spectrum of Commuting Matrices . . . . .	221
R. B. BAPAT (New Delhi, India) AND G. CONSTANTINE (PITTSBURGH, PENNSYLVANIA)	
AN ENUMERATING FUNCTION FOR SPANNING FORESTS WITH COLOR RESTRICTIONS . . . . .	231

*Table of Contents continued*

LARRY NEAL AND GEORGE POOLE (Johnson City, Tennessee)	
REPORT: A Geometric Analysis of Gaussian Elimination. II . . . . .	239
BOOK REVIEWS	
RAPHAEL LOEWY (Haifa, Israel)	
Review of <i>Perturbation Bounds for Matrix Eigenvalues</i>	
by R. Bhatia . . . . .	265
BRYAN L. SHADER (Laramie, Wyoming)	
Review of <i>Combinatorial Matrix Theory</i>	
by Richard A. Brualdi and Herbert J. Ryser . . . . .	273
AUTHOR INDEX . . . . .	277

